

CBSE Syllabus Class 1 Maths

Geometry (10 hrs.)

a) Shapes and Spatial Understanding

Develops and uses vocabulary of spatial relationship (Top, Bottom, On, Under, Inside, Outside,

Above, Below, Near, Far, Before, After) **b) Solids Around Us**

- Collects objects from the surroundings having different sizes and shapes like pebbles, boxes, balls, cones, pipes, etc.
- Sorts, Classifies and describes the objects on the basis of shapes, and other observable properties.
- Observes and describes the way shapes affect movements like rolling and sliding.
- Sorts 2 - D shapes such as flat objects made of card etc.

Numbers (46 hrs.)

a) Developing a sense of Numberness, Counting and Operations of Numbers 19 and Zero

- Observes object and makes collections of objects. □ Arranges the collection of objects in order by
 - Matching and
 - One to one correspondence
- Counts the number of objects in a collection.
- Makes collection of objects corresponding to a specific number.
- Recognises and speaks numbers from 1 to 9.
- Uses numbers from 1 to 9 in counting and comparison. (Real objects and repeated events like clapping to be used for counting) □ Reads and writes numerals from 1 to 9.
- Adds and subtracts using real objects and pictures.
- Adds and subtracts the numbers using symbols '+' and '-'.
- Approaches zero through the subtraction pattern (such as $3 - 1 = 2$, $3 - 2 = 1$, $3 - 3 = 0$).

b) Numbers from (10 - 20)

- Forms Number sequence from 10 to 20.
- Counts objects using these numbers.
- Groups objects into a group of 10s and single objects.

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- Develops the vocabulary of group of 'tens' and 'ones'.
- Shows the group of tens and ones by drawing.
- Counts the number of tens and ones in a given number.
- Writes the numerals for eleven to nineteen.
- Writes numerals for ten and twenty.
- Compares numbers upto 20.

c) Addition And Subtraction (Upto 20) Adds and subtracts numbers upto 20. **d) Numbers from 21 - 99**

- Writes numerals for Twenty-one to Ninety nine. Groups objects into tens and ones.
- Draws representation for groups of ten and ones.
- Groups a number orally into tens and ones.

e) Mental Arithmetic

Adds two single digit numbers mentally.

Money (3 hrs.)

- a) Identifies common currency notes and coins.
- b) Puts together small amounts of money.

Measurement (13 hrs.)

a) Length

- Distinguishes between near, far, thin, thick, longer/taller, shorter, high, low.
- Seriates objects by comparing their length.
- Measures short lengths in terms of non-uniform units (in the context of games e.g. 'GilliDanda' and 'marblegames').
- Estimates distance and length, and verifies using nonuniform units (e.g. hand span etc.)

b) Weight

Compares between heavy and light objects. **c)**

Time

- Distinguishes between events occurring in time using terms -earlier and later.
- Gets the qualitative feel of long & short duration, of school days v/s holidays.
- Narrates the sequence of events in a day.

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Data Handling (6 hrs.)

Collects, represents and interprets simple data such as measuring the arm length or circumference of the head using a paper strip.

Patterns (10 hrs.)

- Describes sequences of simple patterns found in shapes in the surroundings and in numbers, e.g. stamping activity using fingers and thumb.
- Completes a given sequence of simple patterns found in shapes in the surroundings and in numbers.